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Date of Deposit	<u>Sept 30, 2003</u>
<p>I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the above date</p>	
By	<u>Michelle Chan</u> Michelle Chan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No.	:	To Be Assigned	Confirmation No.:
Applicant	:	Seth R. Stern	
Filed	:	Herewith	
TC/A.U.	:	1637	
Examiner	:	Jeffrey Siew	
Docket No.	:	100/11111	
Customer No.	:	021569	
Title	:	Microfluidic Devices and Methods for Performing Temperature Mediated Reactions	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

The references cited on the attached form PTO-1449 are being called to the attention of the Examiner. This application divisional of U.S. Patent Application No. 09/952,045, filed September 13, 2001, which claims priority from U.S. Provisional Patent Application No. 60/232,349, filed September 14, 2000. All references cited in the attached form 1449 have been previously cited in the parent application. Copies of documents are therefore not being provided pursuant to 37 CFR §1.98(d). If copies of the references are not available to the Examiner, the Examiner is invited to contact the undersigned.

Appl. No. To Be Assigned
Seth R. Stern

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is made that a search has been conducted or that this statement encompasses all possible relevant information.

Applicants believe that no fee is required for submission of this statement, since it is being submitted within three months of the filing date or prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to charge such fee to Deposit Account No. 03-0177. Please charge any additional fees or credit any overpayment to the above-noted deposit account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Andrew L. Filler", with a stylized flourish at the end.

Andrew L. Filler
Reg. No. 44,107

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known	
			Application Number	
			Filing Date	
			First Named Inventor	
			Art Unit	
			Herewith	
			Seth R. Stern	
			1637	
			Jeffrey Siew	
Sheet			Attorney Docket Number	
			100/1111	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code (if known)			
	AA	5,779,868	7-14-1998	Parce et al.	
	AB	5,858,195	1-12-1999	Ramsey	
	AC	5,863,502	1-26-1999	Southgate et al.	
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	AE	5,965,001	10-12-1999	Chow et al.	
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	AG	6,020,141	2-1-2000	Pantoliano et al.	
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	AJ	6,103,537	8-15-2000	Ullman et al.	
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	AL	6,300,075	10-9-2001	Preston et al.	
	AM	6,303,343	10-16-2001	Kopf-Sill	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code - Number - Kind Code (if known)				
	AN	WO-94/05414	3-17-1994	UC		
	AO	WO-96/04547	2-15-1996	Lockheed		
	AP	WO-97/02357	1-23-1997	Affymetrix		
	AQ	WO-98/00707	1-8-1998	Caliper		
	AR	WO-98/45481	10-15-1998	Caliper		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	AS	CHOU, Q. et al., "Prevention of pre-PCR mis-priming and primer dimerization improves low-copy-number amplifications," Nucl. Acids Res. (1992) 20(7):1717-1723	
	AT	D'AQUILA, R.T. et al., "Maximizing sensitivity and specificity of PCR by pre-amplification heating," Nucl. Acids Res. (1991) 19:3749	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known		
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		Art Unit	1637	
Examiner Name	Jeffrey Siew			
Sheet		of	Attorney Docket Number	100/11111

AU	KAINZ, P. et al., "Specificity-Enhanced Hot-Start PCR: Addition of Double-Stranded DNA Fragments Adapted to the Annealing Temperature," BioTechniques (2000) 28(2):278-282	
AV	KAIJALAINEN, S. et al., "An alternative hot start technique for PCR in small volumes using beads of wax-embedded reaction components dried in trehalose," Nucl. Acids Res. (1993) 21(12):2959-2960	
AW	KELLOGG, D.E. et al., "TaqStart Antibody: 'Hot Start' PCR Facilitated by a Neutralizing Monoclonal Antibody Directed Against Taq DNA Polymerase," BioTechniques (1994) 16(6):1134-1137	
AX	MANZ, A. et al., "Micromachining of monocrystalline silicon and glass for chemical analysis systems," Trends in Anal. Chem. (1991) 10(5):144-149	
AY	MANZ, A. et al., "Planar Chips Technology for Miniaturization of Separation Systems: A Developing Perspective in Chemical Monitoring," Adv. in Chromatog. (1993) 33:1-66	
AZ	MORETTI, T. et al., "Enhancement of PCR Amplification Yield and Specificity Using AmpliTaq Gold DNA Polymerase," BioTechniques (1998) 25(4):716-722	

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